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TO	<u>EXAMINER STEPHAN WILLETT</u>	<u>JANUARY 21, 2003</u>
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Enclosed is a marked-up copy of claims for our interview scheduled February 3, 2003.

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Please amend Claims 20, 24-29, 37 and 38 to read as follows:¹

20. (Twice Amended) A data transfer control device for controlling transfer of audio/visual data to a non-IP receiving [node] terminals directly connected with a first local network from a non-IP transmitting [node] terminals directly connected with a [global] second local network, said first and second local networks being connected via a global network using a communication protocol different than a communication protocol of the first and second local networks, and the data transfer control device being connected [between the local network and the global network and] to the second local network, said data transfer control device comprising:

an establishing unit configured to establish a connection in the second local network;
a transfer unit configured to transfer the audio/visual data transferred through a communication path that is reserved for receiving the audio/visual data transmitted from the transmitting [node] terminal, to the connection established by the establishing unit; [and]
a commanding unit configured to command the receiving node directly connected with the first local network to receive the audio/visual data which is transferred through the connection by the transfer unit, by using [a] the communication protocol depending on the second local network;
a memory unit configured to store an internal table indicating all non-IP terminals currently connected to the first and second local networks; and
a display unit configured to display said all non-IP currently connected terminals in an arrangement so a user make determine what non-IP terminal to designate as the receiving terminal and what non-IP terminal to designate as the transmitting terminal.

24. (Amended) The device of claim 20, further comprising:

a collecting unit configured to collect attribute information of the receiving node; and

¹A marked-up copy of the amended claims is attached.

a notifying unit configured to notify the attribute information to another data transfer control device belonging to the global network and/or the transmitting node.

25. (Amended) The device of claim 20, further comprising:

a notice receiving unit configured to receive a notice regarding attribute information of the transmitting node; and

a memory unit configured to store the attribute information.

26. (Amended) The device of claim 20, further comprising:

a message receiving unit configured to receive a control message containing an information capable of specifying the receiving node, from another data transfer control device belonging to the global network and/or the transmitting node;

wherein the commanding unit commands a receiving of the audio/visual data to the receiving node as specified by the control message.

27. (Amended) The device of claim 20, further comprising:

a transmission unit configured to transmit a control message containing an information capable of specifying the transmitting node, to another data transfer control device belonging to the global network.

28. (Amended) A data transfer control device for controlling transfer of audio/visual data from a transmitting node connected with a global network to a receiving node connected with a local network, the data transfer control device being connected between the local network and the global network and comprising:

a first establishing unit configured to establish a connection in the local network;

a second establishing unit configured to establish a communication path between the data transfer control device and the global network or a transmitting node belonging to an upper logical network of the global network;

a conversion unit configured to convert a data format of the audio/visual data received

through the communication path established by the second establishing unit, from a first data format depending on the global network to a second data format depending on the local network;

a transfer unit configured to transfer the audio/visual data with the data format converted by the conversion unit, to the connection established by the first establishing unit; and

a commanding unit configured to command the receiving node to receive the audio/visual data transferred through the connection by the transfer unit, by using a protocol depending on the local network.

29. (Amended) A data transfer control device for controlling transfer of audio/visual data from a transmitting node connected with a global network to a receiving node connected with a local network, the data transfer control device being connected between the local network and the global network and comprising:

a first establishing unit configured to establish a connection in the local network;

a second establishing unit configured to establish a communication path between the data transfer control device and the global network or a transmitting node belonging to an upper logical network of the global network;

an encoding/decoding unit configured to encode/decode the audio/visual data received through the communication path established by the second establishing unit;

a transfer unit configured to transfer the audio/visual data encoded/decoded by the encoding/decoding unit, to the connection established by the first establishing unit; and

a commanding unit configured to command the receiving node to receive the audio/visual data transferred through the connection by the transfer unit, by using a protocol depending on the local network.

37. (Amended) A relay device for transmitting a received data from a global network

to a local network, comprising:

a receiving unit configured to receive a control message requesting an encoding/decoding of the received data in a data format depending on the local network; and

a transmission unit configured to encode/decode the received data from global network according to the control message received by the receiving unit, and to transmit encoded/decoded data to the local network.

38. (Amended) A control device connected between a local network and a global network, comprising:

a collecting unit configured to collect attribute information of transmitting and/or receiving nodes connected with the local network, according to a protocol depending on the local network; and

a notifying unit configured to notify the attribute information to a device connected with the global network, according to a network layer protocol not depending on the local network.

Please add new Claims 93-95 as follows:

93. (New) A data transfer control device for controlling transfer of audio/visual data to a receiving node connected with a local network from a transmitting node connected with a global network, the data transfer control device being connected between the local network and the global network and comprising:

an establishing unit configured to establish a connection in the global network for transmitting the audio/visual data;

a reserving unit configured to reserve a communication path for transferring the audio/visual data transmitted through the connection to another data transfer control device belonging to the local network and/or the receiving node; and

a commanding unit configured to command the transmitting node to transmit the

audio/visual data through the connection, by using a protocol depending on the global network.

94. (New) A data transfer control device for controlling transfer of audio/visual data to a receiving node connected with a local network from a transmitting node connected with a global network, the data transfer control device being connected between the local network and the global network and comprising:

an establishing unit configured to establish a communication path for the audio/visual data transmitted from the transmitting node by using a signaling protocol of a network layer, the communication path reaching the data transfer control device from the transmitting node or another data transfer control device connected with the global network;

a receiving unit configured to receive a control message containing an information regarding a connection through which the audio/visual data is to be transferred to the receiving node; and

a commanding unit configured to command the receiving node to receive the audio/visual data transferred through the connection, by using a protocol depending on the local network.

95. (New) A data transfer control device for controlling transfer of audio/visual data from a transmitting node connected with a global network to a receiving node connected with a local network, the data transfer control device being connected between the local network and the global network and comprising:

an establishing unit configured to establish a communication path for the audio/visual data transmitted from the transmitting node by using a signaling protocol of a network layer, the communication path reaching the receiving node or another data transfer control device connected with the local network;

a transmission unit configured to transmit a control message containing an

information regarding a connection through which the audio/visual data is to be transferred from the transmitting node; and

a commanding unit configured to command the transmitting node to transmit the audio/visual data to the connection by using a protocol depending on the global network.

20. (Twice Amended) A data transfer control device for controlling transfer of audio/visual data to a non-IP receiving node connected with a local network from a transmitting node connected with a global network, the data transfer control device being connected between the local network and the global network and comprising:

an establishing unit configured to establish a connection in the local network;

a transfer unit configured to transfer the audio/visual data transferred through a communication path that is reserved for receiving the audio/visual data transmitted from the transmitting node, to the connection established by the establishing unit; and

a commanding unit configured to command the non-IP receiving node to receive the audio/visual data which is transferred through the connection by the transfer unit, by using a communication protocol depending on the local network,

wherein the communication protocol of the local network is different than the communication protocol of the global network such that the non-IP receiving and the transmitting nodes can not directly communicate with each other.

24. (Amended) The device of claim 20, further comprising:

a collecting unit configured to collect attribute information of the receiving node; and

a notifying unit configured to notify the attribute information to another data transfer control device belonging to the global network and/or the transmitting node.

25. (Amended) The device of claim 20, further comprising:

a notice receiving unit configured to receive a notice regarding attribute information of the transmitting node; and

a memory unit configured to store the attribute information.

26. (Amended) The device of claim 20, further comprising: